ABSTRACT

[0030]   A method and system for open-loop congestion control in a system fabric

is described. The method includes determining which traffic class each received

network packet belongs, determining a path to be taken by each packet through a

5   switch fabric, classifying each packet into one of a plurality of flow bundles based on

the packet's destination and path through the switch fabric, mapping each packet

into one of a plurality of queues to await transmission based on the flow bundle to

which the packet has been classified, and scheduling the packets in the queues for

transmission to a next destination through the switch fabric.

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